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6 PROPOSAL FOR DISTRIBUTION AND MAINTENANCE
OF THE ARPA STANDARD VERSION
OF THE UNIX OPERATING SYSTEM,

9 TECHNICAL REPORT.

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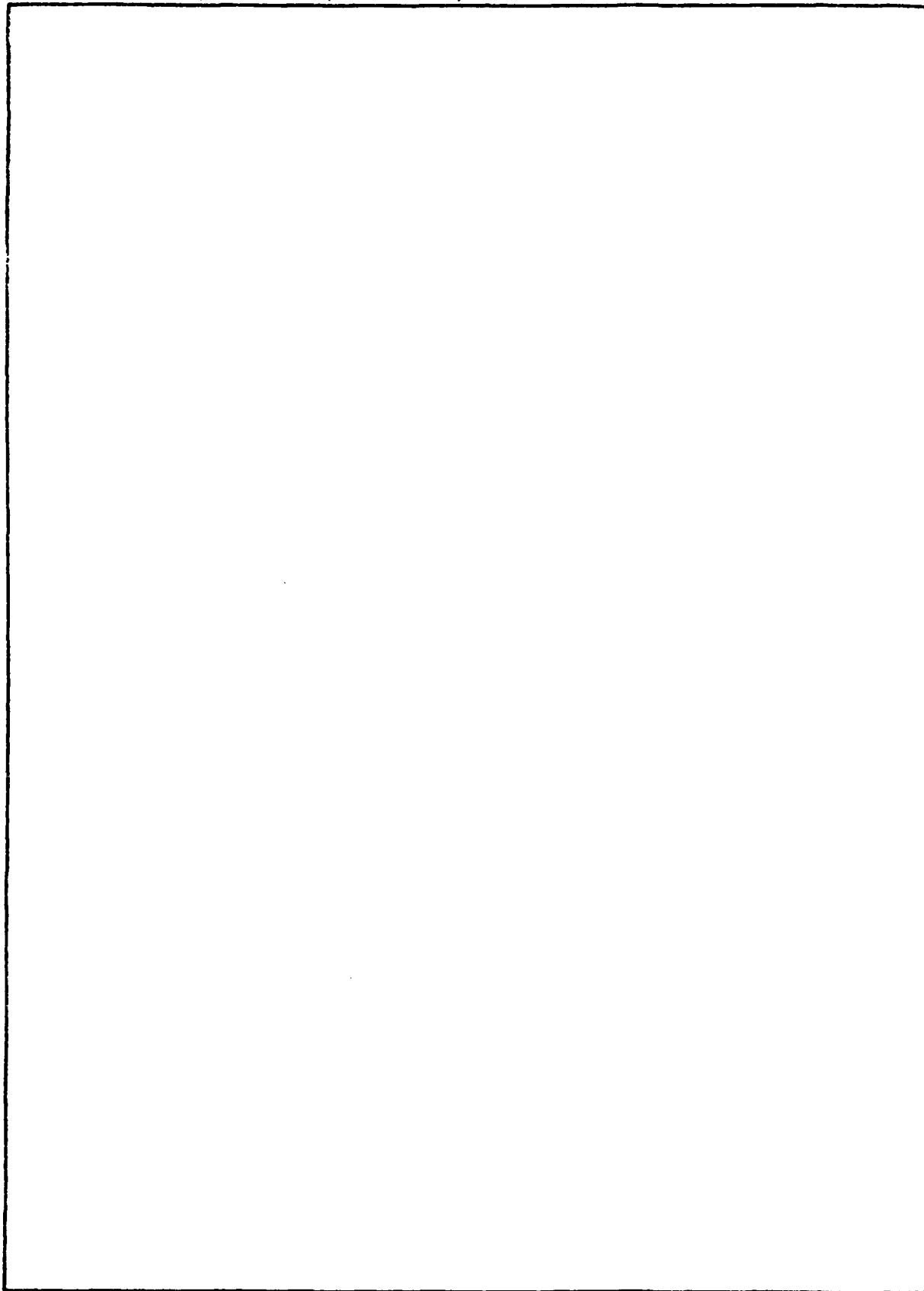
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**Proposal for Distribution and Maintenance
of
the ARPA Standard Version
of
the UNIX Operating System
by
Computer Systems Research Group
University of California, Berkeley**

1. Introduction

1.1. The System

The ARPA Standard Version of the UNIX Operating System ("the System") shall consist of the original Western Electric Version 7 UNIX software and documentation as modified and enhanced by the contractor according to the Configuration Control Plan.

1.2. Designated Sites

ARPA shall designate certain sites to receive the System. Each Designated Site must have a License Agreement from the Contractor for use of the System and must have a license from Western Electric for use of UNIX/32V. Each Designated Site is responsible for providing the contractor with the name of its on-site contact including U.S. Mail address, network address, and telephone number.

2. System Distribution

2.1. Distribution of New Releases

The Contractor shall distribute new releases of the system, as available, to all Designated Sites via U.S. mail. Each new release shall consist of a machine readable copy of binaries, source code, and documentation on a 9-track magnetic tape and one reproduction-quality copy of the documentation.

2.2. Distribution of System Updates

The Contractor shall distribute updates to portions of the system, as developed, to all Designated Sites, via both U.S. mail and network mail. Each update shall consist of a description of the update, a list of source file changes required to make the update, and one reproduction-quality copy of any revised documentation.

2.3. Research in Incremental System Distribution and Configuration Control

The Contractor shall explore the feasibility of distribution of the system over networks, including the ability to monitor the configuration of the system at remote sites, with the goal of providing compatible incremental distribution of new releases based on each site's current configuration.

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3. Trouble Reports

3.1. How to Report Problems

Problems with the system can be reported to the Contractor via U.S. mail to: Project Manager, Computer Systems Research Group, Computer Science, University of California Berkeley CA 94720; or via network mail to: CSRG @ BERKELEY.

3.2. Format of Trouble Reports

No particular format is required for Trouble Reports, but there should be sufficient information for the Contractor to reproduce the problem. Before reporting a problem, a site should try to ensure that it does not result from non-standard hardware or software at the site. The Contractor shall provide limited consultation to Designated Sites to aid in the isolation of suspected errors.

3.3. Response to Trouble Reports

The Contractor shall treat trouble reports as external proposals for system changes in accordance with the Configuration Control Plan. In the UNIX tradition, it is expected that some errors will be fixed and others will merely be acknowledged in the relevant documentation. Errors which are initially acknowledged in the documentation may be scheduled for later correction in accordance with the Configuration Control Plan.

4. Research in Remote Diagnosis of System Errors

The Contractor shall explore the feasibility of implementation of a system that will allow remote diagnosis and correction of system errors over networks.